

# The Blurb

A Publication of  
THE PHIL-MONT MOBILE RADIO CLUB, INC.  
c/o 641 KISMET ROAD, PHILADELPHIA, PA 19115-1114



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W3IIM R

FIRST CLASS MAIL

# The Blurb

MAY  
1999



Public Service Since 1949



VOLUME 49  
NUMBER 5

is published monthly by, and for, the members of **The PHIL-MONT MOBILE RADIO CLUB, INC.** whose purpose is to promote Amateur Radio in general, and Mobile Radio in particular. Copying and quoting is permitted with a credit line. We gladly exchange publications with other amateur radio clubs; requests should be sent to the Editor. Subscriptions are available to nonmembers for \$10 addressed to the Treasurer. The club meets at 7:30 PM on the *second* non-holiday Wednesday of every month at **The Franklin Institute Science Museum**, Benjamin Franklin Parkway at 20th Street, Philadelphia. Enter from Winter Street or the parking garage on 21st street. **ALL VISITORS ARE WELCOME!**

Amateur Radio License Examinations are held on the *first* non-holiday Thursday of every month at The Franklin Institute Science Museum—doors close at 6:30 PM-SHARP!

## CLUB INFORMATION

Mailing address: P.O. Box 88, Abington, PA 19001

Internet Web site: <http://www.phil-mont.org>

E-mail: [info@phil-mont.org](mailto:info@phil-mont.org)

2-meter repeater: 147.03 MHz (Main site Roxborough receiver requires no PL, but transmits 91.5 Hz.)

Additional off-site receivers require the following subaudible tones:

Southampton 131.8 Hz—Center City 103.5 Hz—Lansdale 114.8 Hz—Broomall 85.4 Hz

70-cm repeater: 444.80 MHz (186.2 Hz PL)

Simplex: 147.51 MHz

24-hour club information at W3AA: 215-448-1139

## STATIONS

W3AA - (Formerly W3TKQ) The Franklin Institute Science Museum, Philadelphia, PA - Trustee WU3I;

Maanager: W3STW

The club sponsors this world-class demonstration station, and welcomes all licensed amateurs to operate it.

W3AA packet BBS frequency: 144.99 MHz: [w3aa@w3aa.sepa.pa.usa.noam](mailto:w3aa@w3aa.sepa.pa.usa.noam)

W3AA e-mail: [w3aa@phil-mont.org](mailto:w3aa@phil-mont.org)

W3EM - Field Day and special events station - Trustee W3VVS

W3QV - 147.03 MHz repeater - Ridge & Port Royal Avenues, Philadelphia, PA - Trustee W3BBB

## OFFICERS

PRESIDENT: W3CH, Russ Stafford, Box 379, Eagleville, PA 19408-0379; 610-631-3401 x902

[w3ch@hdj.com](mailto:w3ch@hdj.com)—[w3ch@w3ch.sepa.pa.usa.noam](mailto:w3ch@w3ch.sepa.pa.usa.noam)

VICE PRESIDENT: AA3EP, Charlie Weigand, 91 Moyer Road, Pottstown, PA 19464; 610-323-1050

[aa3ep@aol.com](mailto:aa3ep@aol.com)—[aa3ep@w3ch.sepa.pa.usa.noam](mailto:aa3ep@w3ch.sepa.pa.usa.noam)

SECRETARY: N3LCV, Arthur Weiner, 11016 Audubon Ave., Phila., PA 19116; 215-698-1606

[aweiner@fast.net](mailto:aweiner@fast.net)

ASST. SECRETARY: W3RED, William H. MacKenzie, 421 N. Spring Garden St. Ambler, PA 19002; 610-646-6248

TREASURER: K2BN, Mike Tannenbaum, 545 Cardinal Drive, Dresher, PA 19025; 215-542-5991

[k2bn@agtannenbaum.com](mailto:k2bn@agtannenbaum.com) packet: [k2bn@w3ch.sepa.pa.usa.noam](mailto:k2bn@w3ch.sepa.pa.usa.noam)

## DIRECTORS

N3PVO (01); WU3I (01); W3RM (01); W3GQD (99); KB3IV (99); N3XKE (99); W3STW (A)

## COMMITTEES

Archives: W3IIN; Audit: KE3OP; Awards: AA3EP; Blurb folding: WB3KOJ & WB3KOH; Budget:

K3KUD; Directory: WB3KOJ & W3IIM; DX: OPEN; Education: W3CH; Emerg. Coord.: N3XKE; Field Day:

WU3I; Internet: W3IIM; Membership: W3LEN; Net Control: KB3IV; Publicity: W3RM

Program: AA3EP; Public Service: AA3EP; Publicity: N3IEI; Refreshments: W3AOK; Repeater: W3BBB;

Skywarn: N3LCV; Special Events: N3WCO; Sunshine: WU3I; Youth: KE3ZY; TVI: W3VVS; VE

Program: ND3Q; W3AA Trustee: WU3I; W3AA Station Manager: W3STW; Welcome: K3CJ.

## NET SCHEDULE

|         |       |        |                         |                             |
|---------|-------|--------|-------------------------|-----------------------------|
| Sunday  | 09:30 | 147.03 | MHzFM                   | "Sunday Morning 2 Meter Net |
|         | 10:00 | 28.393 | (+ or - for QRM) MHzSSB | "10-on-10 Net"              |
|         | 10:20 | 3.993  | MHzSSB                  | 75 Meter Net                |
| Tuesday | 20:00 | 147.03 | MHzFM                   | CW Practice Net             |

## MAY BIRTHDAYS

02 Jack Haring - W3IIM

05 Jim Davis - KE3RL

Paul Policarpo - N3PP

07 Dick Bechtel - W3CBF

09 Carol Sebzda - N3PVO

Steffie Serafin - KE3ZY

10 Elaine Bergsman (XYL N3PSO)

12 Bob Henderson - KA3MHO

15 Woody Haldeman - W3PST

17 Herb Scott - N3OLK

20 Bob Field - WA3INW

Dick Malone - N3MGS

22 Winnie Miller - K3RAB (XYL K3NYN)

23 Joe O'Donnell - N3RCQ

26 Bonnie Malone - WB3GBN

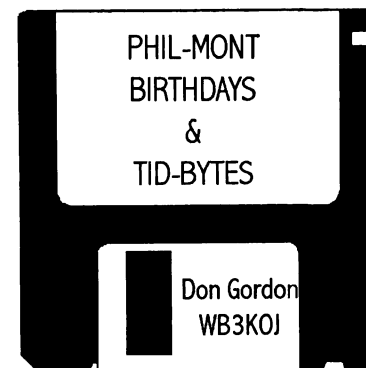
Carol Mihm (XYL KE3PR)

30 Bill Chedeville - W3GQD

31 Heidi Mescanti - (XYL WB3KUR)

**HELP PHIL-MONT** Are you planning to join ARRL or renew your current membership? Help P.M.R.C. by joining or renewing through the club...contact Mike Tannenbaum - K2BN, for details.

**1999 DIRECTORY CORRECTIONS ADD:** AA3AI, N3DO, KE3RL, N2MAW, N2RM, KB2TEZ, N3XEI (See 1998 Directory)



## MEMBERSHIP STATS.

157 FULL

14 FAMILY

8 YOUTH

3 HONORARY

1 PENDING

183



**"DON'T TAILGATE... WAIT"**—for the courtesy 🚗!

## ANNOUNCEMENTS

*Net Control stations should read the following announcements before asking if there are any more announcements for the net.*

- On **May 5** The Director's meeting will be held at the home of W3GQD
- VE testing will be held on **May 6** at 6:30 P.M. The 1999 ARRL VE test fee is \$6.45, but there is no charge for the Novice Test.
- **May 12-** The General Meeting



### Membership Application

**Call:** N3RPW  
**Name:** GERALD L. DUBZAK, JR  
**Nickname:** JERRY  
**Class:** T  
**Address:** 127 ELM AVE -2nd floor  
 Rockledge, PA 19046  
**Occupation:** Information Technologies/  
 Fire Fighter  
**Home Phone:** 215-663-1886  
**Bus. Phone:** 215-808-0587  
**E-Mail:** dubzakj@home.com  
**Packet:**  
**Committee:** Blurb - Emer. Coord. -  
 Repeater & Tech - Youth

### DX News from the ARRL

**SRI LANKA, 4S.** Sigi, DJ4IJ, is QRV as 4S7IJG for 2 weeks. QSL via DK8ZD.

**NAURU, C2.** Norman, C21NJ, is QRV on 20 meters using CW and SSB.

**IRAN, EP.** EP2FM continues to be QRV using RTTY on 20 meters around 1500z.  
**TAJIKISTAN, EY.** EY9/RA3OO has been QRV using RTTY on 20 meters between 1430 and 1730z. QSL via DJ1SKO.

**TROMELIN ISLAND, FR/T.** Jacques, FR5ZU, is active as FR5ZU/T until May 4 on 40 to 10 meters using SSB.

**TEMOTU ISLANDS, H40.** JK7TKE is QRV as H44OO. Activity is generally during his evenings. QSL to home call.  
**ARGENTINA, LU.** Fred, LU6KK, is QRV on 160 meters. Look for him around 1832 KHz using CW.

**FRANZ JOSEF LAND, R1FJ.** Slave, R1FJL, is QRV using 20 meter SSB between 0000 and 0200z. QSL via UA3AGS.

**MOUNT ATHOS, SV/A.** Monk Apollo has been active again as SV2ASP/A on 20 meters SSB. Check the 14252 kHz net between 2000 and 2200z. Also, look for him on 20 and 17 meters on Fridays and Saturdays on SSB and possibly RTTY and Pactor. QSL direct.

**CONGO, TN.** Francois, F3FB, is QRV as TN2FB using 20 meter SSB. His length of stay is unknown. QSL to home call.

**ANTARCTICA.** Tom, VK0TS, is QRV from ANARE Davis Base using SSB. QSL via VK1AUS.

## The PREZ SEZ



**W**ell, Spring has sprung and it is time to get all that yard work done. It's also the time when we start getting all the antennas fixed or upgraded. Please remember the safety rules when working: Always have a buddy there to help. Don't work on antennas when you are tired. Make certain that your equipment is in good shape (e.g., ropes have not dry rotted over the winter, your climbing belt is in good shape). Have everything you need long before you start the job. Plan the work you are going to do, have plenty of help and stop the work before you get overly tired.

Now on to Club business. The Board of Directors has asked our Assistant Secretary to write a letter to the FCC and voice our opinion that we greatly oppose any reduction of the fine they have levied on the two "Bananas" for terrorizing our repeater system for more than one year. I would like to also say that we should write or call Senator Rick Santorum's office at (215) 864-6900, since he has taken up the cause on behalf of Cornwell and his buddy! He and his staff must hear from all of us as to the pain and trouble that these guys have put us all through. **THIS IS A MUST!**

W3AA is gaining support at the Franklin Institute thanks to Al, W3STW, and his hard work. Janet has left, as VP of Exhibits, so the outlook is better. There is talk about moving W3AA to the first floor and the Board of Directors has given their full support to a move or whatever is needed to keep the station as a new and fresh exhibit well into the next century. We have a team, of volunteers, at W3AA, that is second to none and our leadership staff, Steve, WU3I, and Al, W3STW, are working very closely with these volunteers, as well as the staff at the Franklin Institute, to complete our goal of teaching and keeping amateur radio before the public.

Last year W3AA served as net control for the Core States Bike Race, as well as the MS-150 City to Shore Bike Tour. W3AA has helped pass health and welfare traffic into and out of hurricane struck areas, passed NTS traffic and kept a Packet BBS running to pass Ham related messages worldwide. Yes, W3AA is a vital communications link in the world and will remain as such for many years to come.

Onto Public Service. We need a pile of folks for the Chester County Challenge on May 16th. This is a small event and they really need our help. It is all very rural and very small back roads. If you fall down back there it would be days before anyone knows your missing. This is an event where ham radio really shines! These folks really do need us. Please get up with myself or Charlie, AA3EP, for more info on this event and please get out in the sunshine and do some good for Ham radio!

*see Prez Sez continued on page 7*

## UPCOMING

- May 5** Director's meeting at W3GQD  
**May 6** License Examinations at The Franklin Institute  
**May 12** General Meeting at the Franklin Institute  
**June 2** Director's meeting at N3AXJ  
**June 9** General Meeting

### VCR Setting for Y2K

Here is something I bet you hadn't thought would be an issue for Y2K. Some, if not most, VCR's won't be able to use the programmed advanced recording feature. Set the year on 1972, because the calendar days of the week and month will be the same as the year 2000. Pass this on, because the manufacturer will probably not share this information. They will want you to buy a new one that is Y2K compliant. (Russ, W3CH)

### PUBLIC SERVICE EVENTS

**Charlie Weigand, AA3EP**

Phone 610-323-1050

Packet: aa3p@w3ch.sepa.pa.usa.noam

E-mail: aa3ep@aol.com

**Russ Stafford, W3CH**

Phone: (610)631-3401 ext. 902

Packet: w3ch@w3ch.sepa.pa.usa.noam

E-mail: w3ch@hdj.com

The WALK on May 2

The Chester County Challenge  
will be held on May 16, 1999

The PA Dutch in Lancaster County  
will be held on June 12, 1999

The MS City to Shore will be held  
on September 25 and 26, 1999

Brian's Run will be held  
in December of 1999

## VE Test Locations

Confirm all information, in advance, with the contact person. Licensed applicants must bring the original, and one photocopy of their license. All applicants, including children, must show two other types of ID. Also bring the original, and a copy, of any Certificate of Successful Completion needed to prove current status. The ARRL VEC's 1999 test fee is \$6.45; there is no charge for a Novice test.

### • The FRANKLIN INSTITUTE

Monthly, 1st Thursday—Dusty Rhoads,  
ND3Q  
215- 879-0505 day, 215- 448-1139 24-  
hours

### • BELLMAWR, NJ

Diane Nafis  
609-227-6281

### • BRISTOL

George LeNoir  
215-943-4886

### • LEVITTOWN, PA

David L. Heller, 215-946-1040

### • LINWOOD, PA—(Commercial & Amateur Exams.)

Russ Stafford, W3CH  
610-631-3401 x902

### • TELFORD

Joseph Burgess  
215-723-6697

### • UNIVERSITY OF PA

Jeff DePolo  
215- 898-8538 shack, 215-337-7383  
home

### • WARMINSTER

Tom Michaud, WA3TQJ  
(215) 343-3494

### • WILMINGTON

Giselle Walls  
302-478-2757

Any idea what this is?

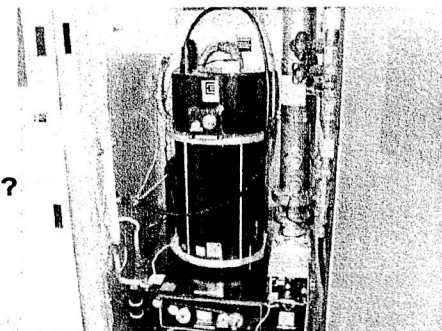


Photo by N3XKE



Photo by N3XKE

Anxiously awaiting the start  
of the meeting

8" copper shielding for coax  
from antenna

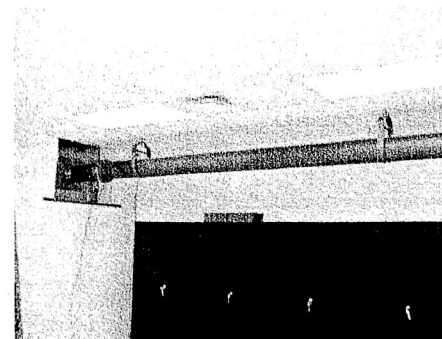


Photo by N3XKE



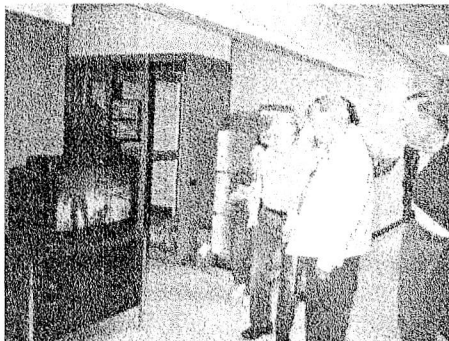
# HDTV Meeting

The April general meeting was held at the new transmitter site of KYW-TV. Dave Smith, of KYW, talked about how HDTV works and showed us around the facilities. We had a great turnout with about 60 people showing up.

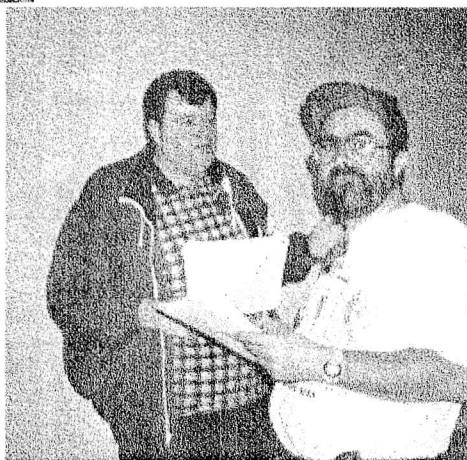
Dave Smith explaining HDTV



Watching HDTV



Russ and Steve working on the MS walk



## Minutes

APRIL DIRECTORS' MEETING  
*Art Weiner, N3LCV, Secretary*



Minutes were taken by Red (W3RED), Asst. Secretary.

The April Directors' meeting was hosted by Jules (KB3AFH) in Ambler. The following Officers and Directors were present: Russ (W3CH), Ed (KB3IV), Steve (WU3I), Carol (N3PV0), Rick (N3DHI), Mike (K2BN), Charlie (AA3EP), Gene (N3XKE), Al (W3STW), and Red (W3RED).

**Treasurer** - The Treasurer's report was given by Mike (K2BN). Everything is fine. W3AA - Al, (W3STW) Station Manager, brought up the probable move of W3AA to the first floor during reconstruction inside the Franklin Institute. Many comments followed as to when, why, and how.

**Membership** - Non-renewals were reviewed. Each call was individually reviewed; the same as when they were voted into our club. Several Directors were asked to contact the individuals who showed no reason for their termination. This would not be the case of those in Maryland, upstate Pennsylvania, or any at college. Travel time to and from meetings was an obvious reason.

**Current Business** - Yes, we want no bananas!

**Field Day** - Steve (WU3I) - Cqming soon at Fort Washington State Park. Finally, a storage place for our beloved Field Day trailer thanks to Paul (N3PSO).

**Net Control** - 10 Meters - Ed (KB3IV) - Change the frequency? Leave it the same? We need "10 on 10" net control operators. Our current 10 meter NCS Hal (W3HFY), has suffered a stroke, and will not be able to continue as net control.

**Old Business** - The Anniversary Dinner will be held at the American Bandstand in King of Prussia, not at 46th and Market. The date and time will be announced later, but most likely will be in October.

The meeting was closed at 10:00 PM by Russ (W3CH).

Come to a Phil-Mont meeting,  
and see what all the talk is about!

# THE W 3 A A

## REPORT

Let Me define the Title "W3AA Control Operator" (CO). A CO is a Franklin Institute Volunteer (has F.I. badge) and has been trained to operate W3AA. All Amateur Radio operators, holding a valid license, are welcome to visit W3AA and operate on the same bands as the CO on duty may operate—only if the CO gives permission. An example would be, if the CO is a General and the Visitor a Novice then with the permission of the CO the Visitor may operate in the General Class portion of the Amateur Radio Bands. If the CO is an Extra, then with permission granted by the CO the Visitor may operate in the Extra Class portion of the Amateur Radio Bands. However, if for any reason the CO leaves the station, the level of privilege is only to the level of the visitor's license class i.e. if you are a Tech then you operate in the Tech portion of the Amateur Radio Bands. If this is not clear then call me 215-639-6771 or e-mail me [w3stw@juno.com](mailto:w3stw@juno.com).

There is a CO DRESS CODE. Please try to look your best to impress the visitors that stop in to see the Ham Radio Exhibit.

We COs keep W3AA clean, not the janitors. We are going to be around for some time to come. So, clean up your own mess.

You do not have to be a member of the Phil-Mont Mobile Radio Club to be a CO. Remember though, you must first be a F.I. Volunteer.

73, AL (W3STW).

Internet: <http://www.fi.edu/tfi/exhibits/w3aa.html>

## 167th MONTHLY VE SESSION STATISTICS APRIL

14 candidates took 28 elements  
5 new amateurs plus 3 upgrades

VE team members:

Dusty Rhoads, ND3Q, Chairman

Steve, WU3I; Jim, NS3K

Jeff, N3VE; Peter, WB2B

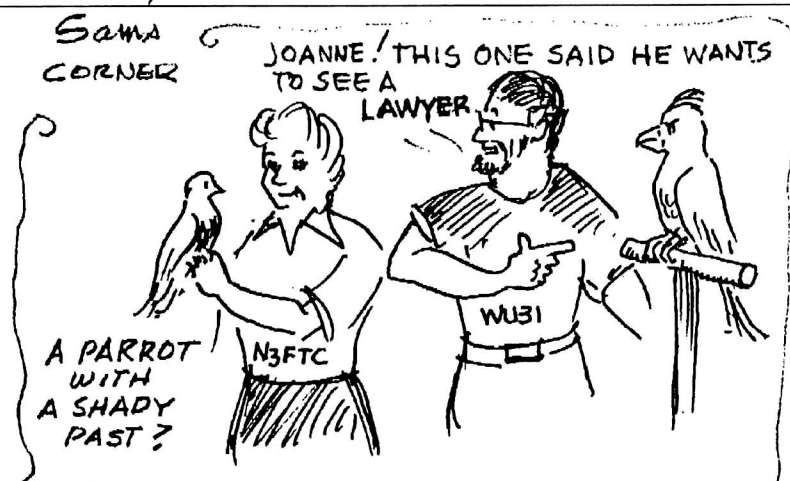
## League tips hat to amateur volunteers

ARRL Headquarters has issued a hearty thank you and a tip of a ten-gallon hat to all Amateur Radio volunteers during National Volunteer Week, April 18-24.

Our great hobby is even greater because of your dedication and the many types of efforts you put forth. Your volunteer activities start with planting the seed about Amateur Radio and continue in assisting with earning a license to encouraging a ham's interest in any and every aspect within Amateur Radio.

In the realm of public service, ham radio volunteers serve admirably to provide emergency communication and assistance of all types during disasters and emergencies everywhere. For disaster victims, Amateur Radio volunteers often have provided a link with the outside world when other systems failed, easing the plight of victims and helping affected communities to recover.

All of you around the United States and overseas deserve high praise. (ARRL)



**1999 FIELD DAY BRINGS RULE CHANGE, NEW PIN**

Participants in ARRL Field Day—the most popular annual operating event in the US and Canada—will encounter one significant change in rules for this year's event, June 26-27. Those using batteries to power their equipment now will be able to charge them while in use. The change affects all entry classes except Class D (home stations using commercial power; home stations using emergency power, including rechargeable batteries, should enter in Class E). In the past, only Class C (mobile) stations could charge batteries while in use. As previously, batteries must be charged from a power source independent of the commercial mains.

For the first time, the ARRL is making available annual Field Day pins to show your participation in the 1999 event. You don't have to make a minimum number of contacts or achieve a particular score level. You just have to participate!

Pins are \$5 each. Field Day groups are advised to collect the money for the pins and send a single order stating the number of pins needed to ARRL Contest Branch, ATTN: Field Day Pins, 225 Main St, Newington, CT 06111. The League will ship the pins back to the club for distribution.

The first "International Field Day" was held June 10-11, 1933, billed as "just a test of portable equipment" for US and Canadian amateurs, according to former ARRL Communications Manager George Hart, W1NJM. Hart says then-Communications Manager Ed Handy, W1BDI, came up with the idea of Field Day, which now is in its 66th year. It was not until the second annual Field Day, in 1934, that Handy's Field Day writeup in QST raised the aspect of emergency preparedness.

**FCC says reciprocal permits now "paperless"**

The FCC is advising applicants for reciprocal operating permits that an application is no longer required. Under new ULS rules that took effect February 12, the FCC Form 610A has passed into history. The new rules also will pave the way for US hams to more easily operate in most of Europe. The FCC is expected to issue a Public Notice in the near future that will spell out the details.

The new rules move the US a step closer to participation in the licensing arrangements of CEPT, the European Conference of Postal and Telecommunications Administrations. The US State Department applied for US participation in 1997, and the request was approved in early 1998. Completion of the final steps to make this a reality is understood to be imminent. These include formal US notification to the European Radiocommunications Office that it is prepared to carry out its responsibilities under CEPT Recommendation T/R 61-01, and the issuance of a Public Notice in English, French and German.

Under the CEPT arrangements, a US Technician licensee will be recognized as holding the equivalent of a CEPT Class 2 (VHF-only) license. Holders of Tech Plus through Extra tickets will have the full HF and VHF privileges of a CEPT Class 1 license.

**Minutes****APRIL GENERAL MEETING**

*Art Weiner, N3LCV, Secretary*



Minutes taken by Red (W3RED), Asst. Secretary.

The 586th General Meeting was held on the 14th of April at the KQW-TV new HDTV transmitter site in Roxborough. An outside tour of the large antenna was given by our host, Dave Smith (WA3BKP). We then went inside for a brief on the road - no gavel - business meeting. Russ (W3CH) announced for the benefit of visitors from other clubs that we have raffle tickets for sale for a TH-D7A by Kenwood. He also had club membership forms for anyone interested in joining our club.

**Treasurer's Report** - Mike (K2BN) -We still have money.

\* **Public Service** - Charlie (AA3EP) -Still need volunteers for the MS Walks.

**Field Day** - Steve (WU3I) -It's coming soon.

**W3AA** - Al (W3STW) -Don't waste ink in the printer at the station. Turn it off when not in actual use.

**Net Control** - Ed (KB3IV) -Need more control operators for two meter net, ten meter net, and especially the code practice net.

**Welcome** - Charlye (K3CJ) -Biggest job of the night! With so many people moving from room to room - and the snack bar - it was hard to copy call signs from name tags from those who were wearing them. However, he did copy 54 name tags.

The meeting was turned over to our host, Dave Smith (WA3BKP), who gave us an in-depth view of the station.

*Prez Sez continued from page 3*

How about the April general meeting? All I can say is wow! KYW did a very nice job of hosting at their HDTV transmitter site in Roxboro. The picture was not quite what people thought it should be, but it was under some very bad fluorescent lights, that did not help. The tour of the site was great and if you got a view of the monitor in the rack where it was dark the HDTV picture was neat. A big THANK YOU to Chris, N3IEI and all the folks at KYW who took the time to host the Phil-Monsters on a truly rewarding visit.

I would like to also thank Donald, WB3KOJ, and Jack, W3IIM, for editing and posting all the public service stuff on the Phil-Mont Web Site. You can get dates and download forms for upcoming events from [www.phil-mont.org](http://www.phil-mont.org). Visit our web page and see what's new at Phil-Mont. Don't forget Field Day is next month (June) so it's time to get prepared! Until next month.

73 de Russ, W3CH

## Local well known Ham is honored by M.S.

As most of you know, **Waldo "Walley" Newell, W3UK**, passed away in March of 1999. Walley was involved in helping out in many ways with Ham radio. One of his real loves was to help out with the M.S. 150 City to Shore Bike Tour, which takes place the last weekend of September, each year. The event runs from near Cherry Hill, NJ to Ocean City, NJ on Saturday and returns on Sunday. Walley participated as the event grew from just a handful of hams and a few riders, to over 140 hams and nearly 5,000 riders. He was there as the event went from raising a few hundred dollars to well over one million dollars. Walley has participated in both days of the two day event each year and for the past few years has staffed the lunch stop, the half way point in the 150 mile bike route.

After Walley's passing the Staff at M.S. mandated by proclamation that the Lunch Stop will hereafter be known as the **Walley Newell W3UK Memorial Lunch Stop**. Walley will be missed at the event. His participation and his place along the route will be hard to fill, but in a small way we will always remember Walley as we ride into his rest stop.

You can help carry on the work that Walley, W3UK, had done for many years by coming out and helping on the MS-150 City to Shore Bike Tour.  
73 de Russ, W3CH

## SOME 1999 HAMFESTS

MAY 2 — Wrightstown, PA  
JUNE 4- 6 — Rochester, NY  
JUNE 12 — Bloomsburg, PA  
JUNE 12 — Cortland, NY  
JULY 3 — Wilkes-Barre, PA  
JULY 11 — Kimberton, PA  
AUG. 7 — Lewistown, PA  
SEP. 11 — Erie, PA  
SEP. 12 — Butler, PA  
SEP. 18 — Hamburg, NY  
SEP. 25 — Horseheads, NY  
SEP. 26 — Bowie, MD  
OCT. 3 — Pack Rats - PA  
OCT. 17 — RF Hill ARC

## Some Of The Top 20 Signs That You Are From Philly

11. The street people greet you by your first name.
10. You don't think WAWA sounds funny.
9. You snub a cheese steak that isn't on an Amoroso roll.
8. Your parents, brother, sisters, aunts and uncles live on the same block.
7. You know who Jim O'Brien was and how he died.

(more next month - from Jack Haring)



For Sale continued from page 9

|                                   |          |    |
|-----------------------------------|----------|----|
| Pomona Electronics                | 15db pad | 10 |
| Advanced Receiver Research        |          |    |
| R432/435VD Rx converter           |          |    |
| 28 to 432/435                     |          | 30 |
| P144VD 144 preamp                 |          | 20 |
| P28VD 28mhz preamp                |          | 20 |
| P432VD 432 Preamp                 |          | 20 |
| P432VDG 432 Preamp                |          | 20 |
| Larkton Scientific P-28 Bb Preamp |          |    |
| 250khz-110 mhz                    |          | 20 |
| Janel Laboratories                |          |    |
| 144PB(2 pieces) 144 preamp        |          | 10 |
| 220 PM 220 preamp module          |          | 15 |
| 432PA 432 preamp                  |          | 15 |
| QSA5 144 preamp                   |          | 20 |

### Coax Switches

|                                  |         |
|----------------------------------|---------|
| B&W 550-A 5 position (6 pieces)  | 25each  |
| MFJ 1702B pl259 2pos(8pieces)    | 10 each |
| Dowkey 6 position rotary(manual) | 25      |
| MFJ 1702N "N" con                | 15      |
| Two position BNC                 | 10      |
| Three position BNC               | 15      |
| KLM Echo 432 432/435 ssb txcvr   | 100     |
| Clegg FM27B 146-148 VFO FM       | 30      |
| Astron RS35                      | 50      |

### Hal Electronics

|                                 |     |
|---------------------------------|-----|
| RVD-1005                        |     |
| ST-6                            |     |
| DKS2010 SSB Electronics         |     |
| LT33s 902 Transverter           | 50  |
| National Receivers HFS NC300    | 35  |
| PC Electronics ATV Transmitter/ |     |
| converter 439.25mhz             | 150 |

## Field Day

Well you have been hearing all kinds of things and I hope all of them are good. The list of band captains is as follows:

75METERS W3CH  
40 METERS N3MT (N3TRO with new call)

20 METERS KE3QB  
15 METERS WA3NSP  
10 METERS N3DHI  
2M, 70CM, 6M W3AOK

We will be operating again at 5A under rule 4.1.2 that allows a free transmitter above 30 mhz if operating 2 or more stations.

The food is all set, with a guest chef for Saturday. I will be back after the wedding and operate thru the night. Hot dogs and hamburgers for lunch and pancakes and sausage for breakfast. You must let us know if you are coming and when, so we can purchase enough food.

The Band captains will be recruiting for as many ops as they can get.

## UoSAT-12 satellite successfully launched

The latest Amateur Radio satellite, UoSAT-12, was successfully launched April 21 just before 0500 UTC from the Baikonur Cosmodrome aboard a converted Soviet SS-18 ICBM. This marked the first time a missile designed for war had been converted to peaceful purposes to carry a satellite into space.

Word was received of the various stage separations and the separation of UoSAT-12 after 877 seconds. Keplerian elements will be available soon.

The satellite was successfully switched on at around 1800 UTC and copied on the 2230 UTC pass in Japan by Kazu Sakamoto, JJ1WTK. The downlink is 9600 baud FSK and can be copied on 437.400 MHz.

UoSAT-12 carries a number of imaging payloads along with digital store-and-forward communications on VHF and UHF. Mode L/S transponders will also be supported with a high-speed digital downlink. (ARRL)



# Show and Tell

This month's shack belongs to Ted, N3OWM. Ted is involved in the world above 50 MHz, especially ATV. He has recently redesigned his shack to be in a U-shape (note the top picture). The middle picture shows all the Ham gear he uses. Below is a listing of the major equipment in the shack and the antennas on the roof. "Living in a twin home in the city is always challenging", Ted states. The bottom picture shows his RC car equipped with ATV. In the list below you will see Ted's callsign for MARS. Ted says that MARS is not as active as it used to be, but he still enjoys doing this public service.

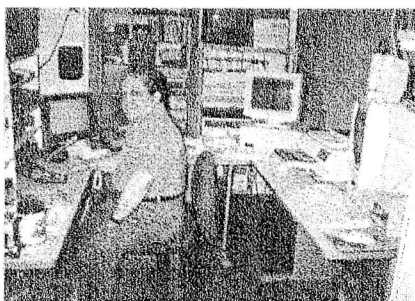
## Shack Equipment:

Icom 737 HF  
Icom 290H all-mode 2 meter  
Icom 229 2 meter FM  
Icom 471A all-mode 440  
Kenwood TS60 all -mode 6 meters  
440 ATV transceiver  
900 ATV transceiver  
PK900 TNC

## Antennas:

420 - 450 UHF 26 el - K1FO-26  
900-940 UHF 30 el - Home brew  
Diamond 5/8 2 meter  
Ringo Ranger 2 meter  
Mosley 6 meter 3 el beam  
G5RV for HF

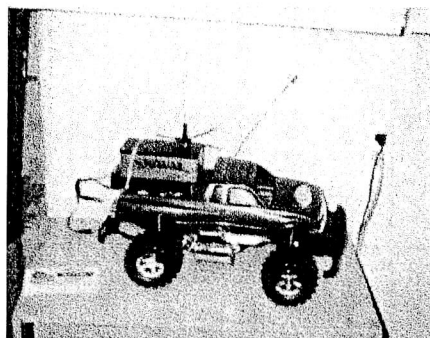
MARS Navy call letters: NNNOJAZ 3  
Computer systems: Linux, W1N98, and DOS



NOTE THE U-SHAPE OF THIS CONSOLE



THE HEART OF THE STATION



RC AND ATV GO WELL TOGETHER

# Goodies for Sale

-Cushcraft 12-4cd 24mhz 4 ele beam list \$340.00 Sell 200.00  
-Skywalker 20-3CD 14 mhz 3 element Beam List 360.00 Sell 200.00  
-A-147-4 4 ele 2M beam Sell 30.00

- |                                   |              |
|-----------------------------------|--------------|
| 1. Drake R4A                      | 200 for pair |
| 2. Drake R4X                      |              |
| 3. Kenwood TS700A                 | 200          |
| 4. Kenwood TS600                  | 200          |
| 5. Yaesu 736 2M, 440, 6M          | 800          |
| 6. Drake TR3                      | 200          |
| 7. Drake TR7 with ext VFO         | 500          |
| 8 Kenwood Twins R598 & T599       | 300          |
| 9. Waters DI Wattmeter dummy load | 75           |
| 10. Tempo 6N2 Linear Amp          | 900          |
| 11. Henry Radio 2004.A 432 amp    | 900          |
| 12. Bird 4330 Wattmeter N         | 125          |
| 13. Astro 200 80-40-20-15-10M     | 200          |
| 14. Comcraft 200 2M-220           | 200          |
| 15. Icom 2330 144/440             | 250          |
| 16. MFJ 940 Tuner                 | 30           |
| 17. AEA PF 900                    | 200          |
| 18. Computer 8ram 486DX2 520hd    |              |
| CDSnd HP Deskjet 560              | 250          |
| 19. HAL Telereader RTTY Amtor     | 250          |
| 20. Kachina DSp 505               | 1000         |

## NOT TAGGED

|                                                           |        |
|-----------------------------------------------------------|--------|
| RF Concepts 4-110 430-450 10 in 100 out                   | 150    |
| Lunar 220 30 in 140 out                                   | 150    |
| Lunar 6M 10 in 120 out                                    | 150    |
| SCS 220 10 in 60 out                                      | 100    |
| KLM vhf 10 in 160 out                                     | 150    |
| KLM vhf 4 in 80 out                                       | 100    |
| KLM uhf 10 in 70 out                                      | 150    |
| Downeast Microwave 3335pa 33cm preamp sn 002              | 35     |
| Downeast Microwave 2335pa 1296 preamp sn204               | 35     |
| Downeast Microwave 231na 1296 lo nois                     |        |
| e amp sn 92510                                            | 30     |
| SSB Electronics 23db preamp 1296                          | 35     |
| Spectrum International MMC 1296-50 rx conv                | 35     |
| Spectrum International MMV1296H Rx & Tx conv 35 in 20 out | 50     |
| Spectrum International PSF1296 Pre Selector Filter        | 20     |
| 1296 Preamp #6F43812 30 db gain                           | 15     |
| Microwave Modules 1296 ssb transverter MMT1296            |        |
| Pomona Electronics 3220 28 mhz preamp                     | 10     |
| Pomona Electronics 2412 6db pad (2 pieces)                | 10each |

see For Sale continued on page 13

## Blurb STAFF

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1999

MAY

1999

| SUNDAY                                                                            | MONDAY                                                            | TUESDAY                                            | WEDNESDAY                                                                                                                   | THURSDAY                                                                                                                      | FRIDAY    | SATURDAY                                          |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------------------------------------|
|  |                                                                   |                                                    |                                                                                                                             |                                                                                                                               |           | 1                                                 |
| <b>2</b><br>2M NCS KB3IV<br>10M NCS<br>75M NCS W3PWG                              | <b>3</b><br><b>National Public Radio began broadcasting, 1971</b> | <b>4</b><br>CODE PRACTICE<br>NET at 8 PM<br>W3AOK  | <b>5</b><br>DIRECTORS' MEETING<br>at<br>W3GQD                                                                               | <b>6</b> 169th LICENSE EXAM<br>Session at<br>The Franklin Institute<br>Registration begins at 6:00<br>Door close as 6:30 p.m. | <b>7</b>  | <b>8</b>                                          |
| <b>9</b><br>2M NCS N3FTY<br>10M NCS<br>75M NCS W3STW                              | <b>10</b>                                                         | <b>11</b><br>CODE PRACTICE<br>NET at 8 PM<br>W3RM  | <b>12</b><br>GENERAL MEETING<br>at<br><b>The Franklin Institute</b><br>Refreshments at 7:00 p.m.<br>Meeting starts at 7:30. | <b>13</b>                                                                                                                     | <b>14</b> | <b>15</b><br><i>Blurb DEADLINE!</i><br>New Moon ● |
| <b>16</b><br>2M NCS WA3NSP<br>10M NCS<br>75M NCS N3JDM                            | <b>17</b><br><b>First running of the Kentucky Derby, 1875</b>     | <b>18</b><br>CODE PRACTICE<br>NET at 8PM<br>WA3NSP | <b>19</b>                                                                                                                   | <b>20</b>                                                                                                                     | <b>21</b> | <b>22</b>                                         |
| <b>23</b> 2M NCS N3OWM<br>10M NCS<br>75M NCS KB3IV                                | <b>24</b>                                                         | <b>25</b>                                          | <b>26</b>                                                                                                                   | <b>27</b><br><b>First running of the Preakness, 1873</b>                                                                      | <b>28</b> | <b>29</b>                                         |
| <b>30</b> 2M NCS W3BBB<br>10M NCS<br>75m NCS W3BBB<br>Full Moon ○                 | <b>31</b><br><b>Memorial Day</b>                                  | CODE PRACTICE<br>NET at 8PM<br>W3AOK               |                                                                                                                             |                                                                                                                               |           |                                                   |